



MONTGOMERY COUNTY COUNCIL  
ROCKVILLE, MARYLAND

HANS RIEMER  
COUNCILMEMBER AT-LARGE

MEMORANDUM

To: T&E Committee  
From: Councilmember Hans Riemer  
Date: March 1, 2016  
Re: Funding a Protected Bike Lane Network in Downtown Silver Spring

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As you prepare for your discussion on CIP transportation projects on Thursday, March 3, I would like to respectfully request that you support adding \$1.5 million per year to the CIP for the Bicycle Pedestrian Priority Area (BiPPA), in order to continue the project's county-wide planning while adding funding to create a full protected bike lane network in downtown Silver Spring.

The BiPPA program (CIP #501532) supports the planning, design, and construction of bicycle and pedestrian improvements in the County's thirty BiPPA areas with immediate focus in the Silver Spring CBD, Grosvenor, Glenmont, Wheaton CBD, and Randolph/Veirs Mill.

The FY16 Council-approved budget for this program is \$1 million per year, with \$150,000 and \$850,000 for planning and construction, respectively. The County Executive has recommended \$1 million level funding over the FY17-22 CIP horizon. The FY16 funds are programmed for the Spring St. protected bike lanes and the first phase of the Silver Spring bike parking program.

In recent months I have worked closely with MNCPPC and DOT, with support from Councilmember Roger Berliner, to model a more robust protected bike lane network for Silver Spring, as well as White Flint. The latest bicycle research shows that people are more likely to bicycle in lower-stress environments that provide protection from motor vehicles and separation from pedestrians. Facilities like separated bike lanes and protected intersections are crucial to strengthening the walkable, bikeable urban areas that we want for our residents.

The full Silver Spring network would include protected bike lanes on Spring St., Wayne Ave, Fenton St., Dixon Ave, Burlington Ave, and portions of Second Ave., shared-use paths (Metropolitan Branch Trail and the Silver Spring Green Trail), and conventional bike lanes on Blair Mill Rd., Cameron St and portions of Second Ave. As a pilot project, the Network should also include at least one protected intersection. DOT estimates that building this network out by FY20 would require additional yearly funding in the BiPPA program. A budget of \$2.5 million total per year will enable for build out of the Silver Spring network while beginning to implement improvements in the other priority areas (Grosvenor, Glenmont, Wheaton CBD, and Randolph/Veirs Mill).

Extensive community outreach would be required in order to fulfill the plan, to help better understand and mitigate potential impacts. For the details on the network, please see the attached timeline, funding schedule, and maps.

Let's build a world-class protected bike lane network in downtown Silver Spring, to demonstrate our vision for a county that supports all transportation options. Thank you for your consideration of this proposal.

## Silver Spring CBD BiPPA – Planned Project Buildout & Status

19 February 2016

### Background

In response to a request from Council Staff regarding the cost to build out the planned improvements in the Silver Spring BiPPA, the Division of Transportation Engineering has prepared this memorandum.

The BiPPA program (CIP #501532) includes planning, design, and construction funding for bicyclist and pedestrian improvements within Montgomery County's Bicycle and Pedestrian Priority Areas (BiPPAs). For the period from FY16 to FY22, the program is focused on five of the thirty BiPPA districts.

Specifically, the Capital Improvement Program set aside funding for the Silver Spring CBD, Grosvenor, Glenmont, Wheaton CBD, and Randolph/Veirs Mill. However, a decision was made to focus first on Silver Spring, which is where efforts are currently ongoing.

Funding for the BiPPA program was first allocated in FY15 for planning efforts, with construction funding becoming available in FY16. Several projects are currently underway using those funds, with planning for additional projects ongoing.

### Silver Spring CBD

In FY16, the CIP included \$1 million for planning and construction. The Department anticipates expending all of that funding on several projects, including the Spring Street separated bike lanes and the first phase of the Silver Spring bike parking program.

The estimated cost to plan, design, and build the remaining projects in the Silver Spring BiPPA is approximately \$6.2 million.

Given the constraints in staff time and the lead time to design projects, the Division of Transportation Engineering would recommend implementation of these projects over several years. Under current funding levels, implementation is estimated to take at least 6 additional years.

However, with additional funding in place, we estimate the buildout could be completed in FY20.

The recommended projects, their estimated costs, and the timeframe for construction is shown in the table below.

	TOTALS	PDS	LAND	SIU	CONST
<b>FY 17</b>	<b>\$1,723,333</b>	<b>\$423,333</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$1,200,000</b>
Silver Spring Bike Parking Phase II	\$35,000	\$5,000	\$0	\$0	\$30,000
Cameron St bike lanes (Spring-Second)	\$860,000	\$210,000	\$0	\$50,000	\$600,000
Second Ave Cycletrack (Spring-Colesville)	\$725,000	\$175,000	\$0	\$50,000	\$500,000
Silver Spring Bike Wayfinding Phase I	\$40,000	\$20,000	\$0	\$0	\$20,000
Silver Spring APS/CPS upgrades (1/3rd)	\$45,000	\$11,667	\$0	\$0	\$33,333
Silver Spring curb ramps/driveways (1/3rd)	\$18,333	\$1,667	\$0	\$0	\$16,667

	<b>TOTALS</b>	<b>PDS</b>	<b>LAND</b>	<b>SIU</b>	<b>CONST</b>
<b>FY 18</b>	<b>\$1,719,433</b>	<b>\$413,433</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$1,156,000</b>
Fenton Street Extended Cycletrack	\$89,100	\$23,100	\$0	\$0	\$66,000
Fenton St Cycletrack (Cameron-Wayne)	\$758,750	\$183,750	\$0	\$50,000	\$525,000
Wayne Ave Cycletrack (Georgia-Fenton)	\$441,500	\$101,500	\$0	\$50,000	\$290,000
Dixon Avenue Cycletrack (Wayne-Ripley)	\$326,750	\$71,750	\$0	\$50,000	\$205,000
Silver Spring Bike Wayfinding Phase II	\$40,000	\$20,000	\$0	\$0	\$20,000
Silver Spring APS/CPS upgrades (1/3rd)	\$45,000	\$11,667	\$0	\$0	\$33,333
Silver Spring curb ramps/driveways (1/3rd)	\$18,333	\$1,667	\$0	\$0	\$16,667
Rectangular Rapid Flash Beacon Pilot	\$54,000	\$14,000	\$0	\$0	\$40,000

	<b>TOTALS</b>	<b>PDS</b>	<b>LAND</b>	<b>SIU</b>	<b>CONST</b>
<b>FY 19</b>	<b>\$1,563,233</b>	<b>\$389,233</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$1,124,000</b>
Fenton Street Cycletrack (Wayne-King)	\$1,499,900	\$375,900	\$0	\$50,000	\$1,074,000
Silver Spring APS/CPS upgrades (1/3rd)	\$45,000	\$11,667	\$0	\$0	\$33,333
Silver Spring curb ramps/driveways (1/3rd)	\$18,333	\$1,667	\$0	\$0	\$16,667

	<b>TOTALS</b>	<b>PDS</b>	<b>LAND</b>	<b>SIU</b>	<b>CONST</b>
<b>FY 20</b>	<b>\$1,234,000</b>	<b>\$294,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$840,000</b>
13th Street Cycletrack (Eastern-Georgia)	\$455,000	\$105,000	\$0	\$50,000	\$300,000
Burlington Ave Cycletrack (Georgia-Fenton)	\$367,250	\$82,250	\$0	\$50,000	\$235,000
Blair Mill Road bike lanes	\$411,750	\$106,750	\$0	\$0	\$305,000

These improvements, in conjunction with projects completed by other agencies and under other CIP projects, will help to build a robust bicycle and pedestrian network in the Silver Spring CBD, and will help link the urban district to surrounding neighborhoods and regional transportation corridors.

Notable projects in Silver Spring which are not funded through the BiPPA program include:

- Wayne Avenue Cycletrack (Georgia Avenue to Colesville Road), to be constructed by the Division of Traffic Engineering and Operations.
- Metropolitan Branch Trail (Montgomery College to Silver Spring Metro), to be constructed under CIP #501110.
- Capital Crescent Trail (Bethesda Metro to Silver Spring Metro), to be constructed as part of the Purple Line.
- Silver Spring Green Trail (Fenton Street to Sligo Creek Trail), to be constructed as part of the Purple Line.

See the exhibits at the end of the document for the projected build out of the network over each fiscal year, assuming the increased funding shown in the tables above.

FY 16

 (by BiPPA this FY)

 (by others this FY)

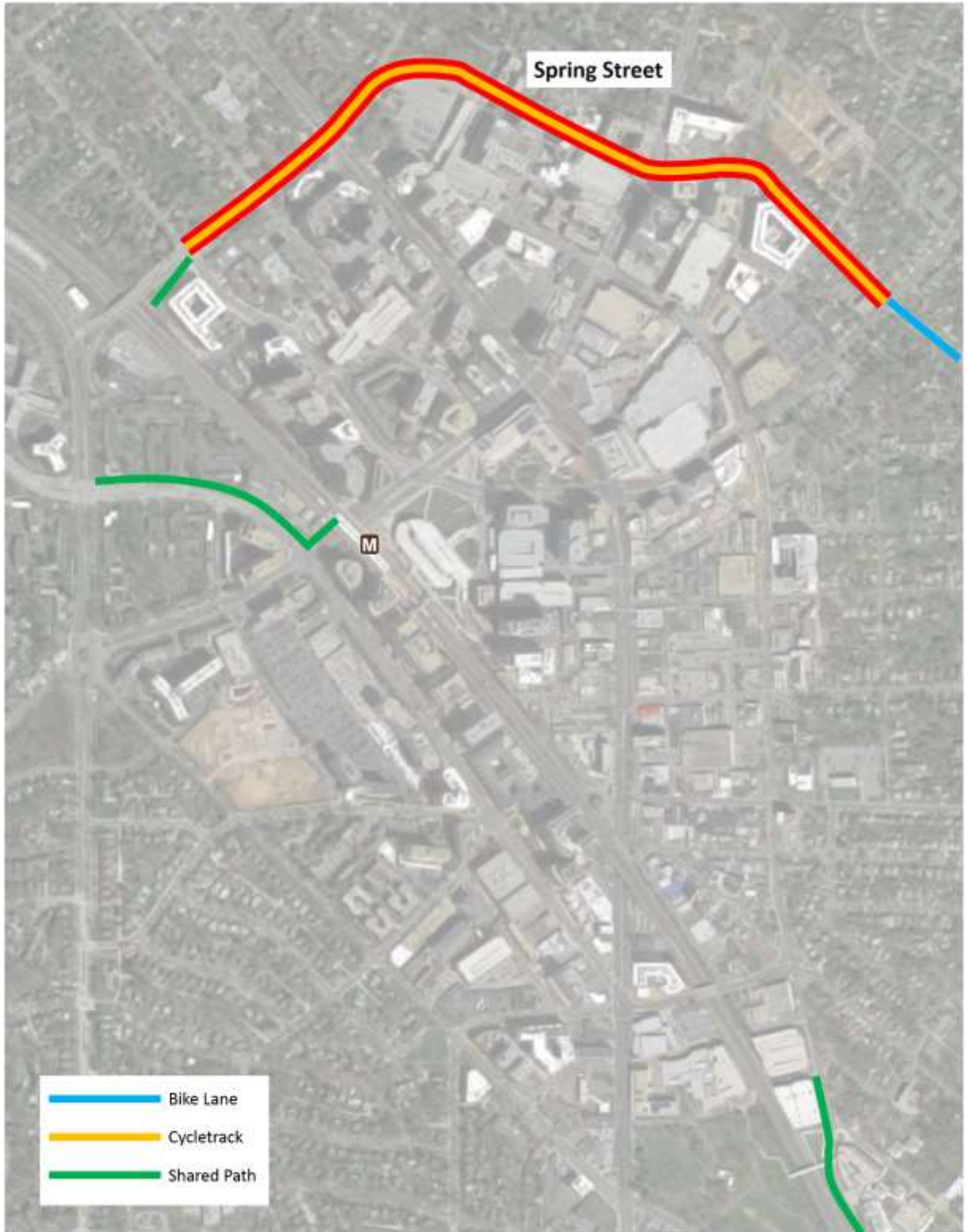


Figure 1: Silver Spring BiPPA projects: FY16

FY 17

 (by BiPPA this FY)

 (by others this FY)



Figure 2: Silver Spring BiPPA projects: FY17

FY 18

 (by BiPPA this FY)

 (by others this FY)

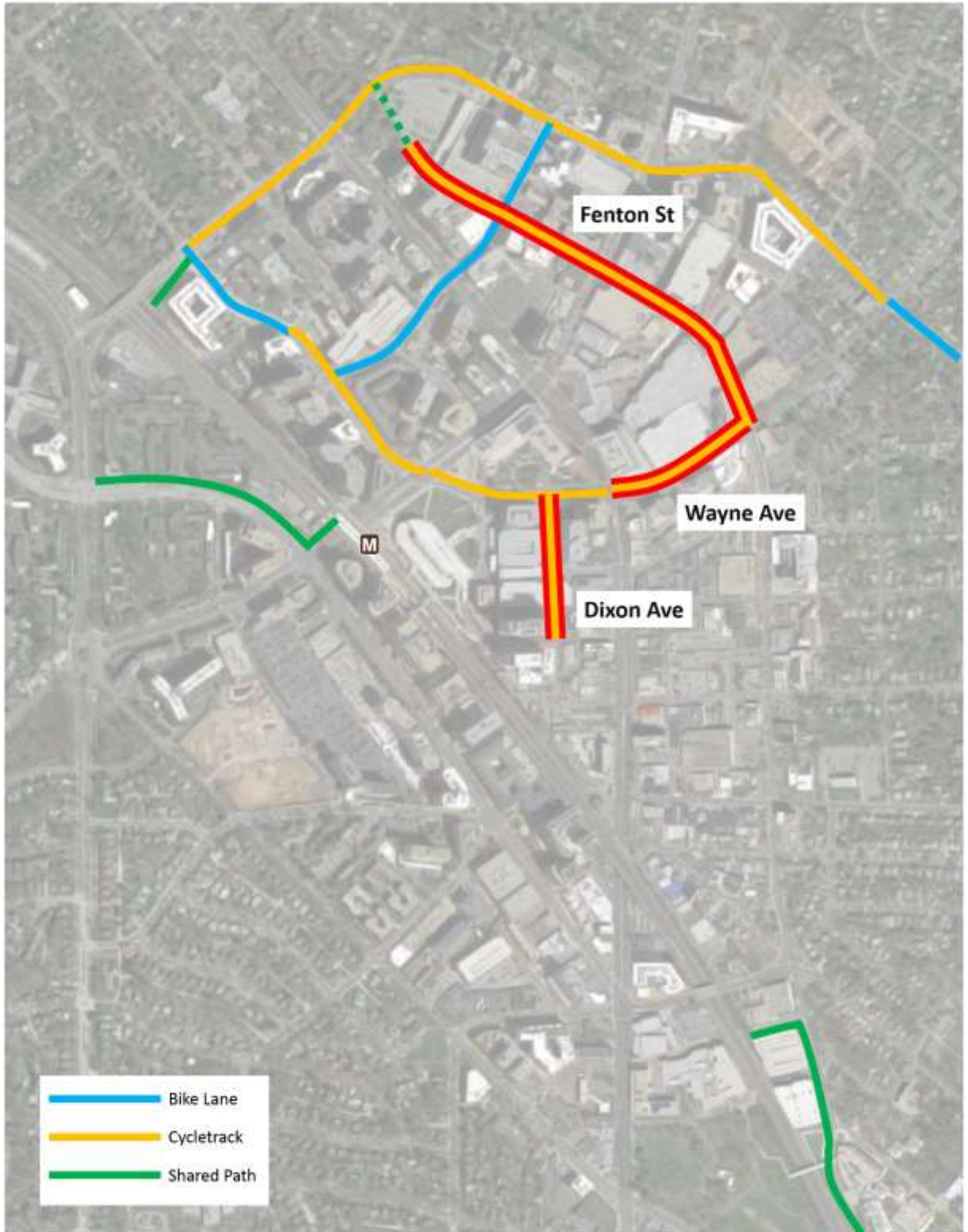


Figure 3: Silver Spring BiPPA projects: FY18

FY 19

 (by BiPPA this FY)

 (by others this FY)

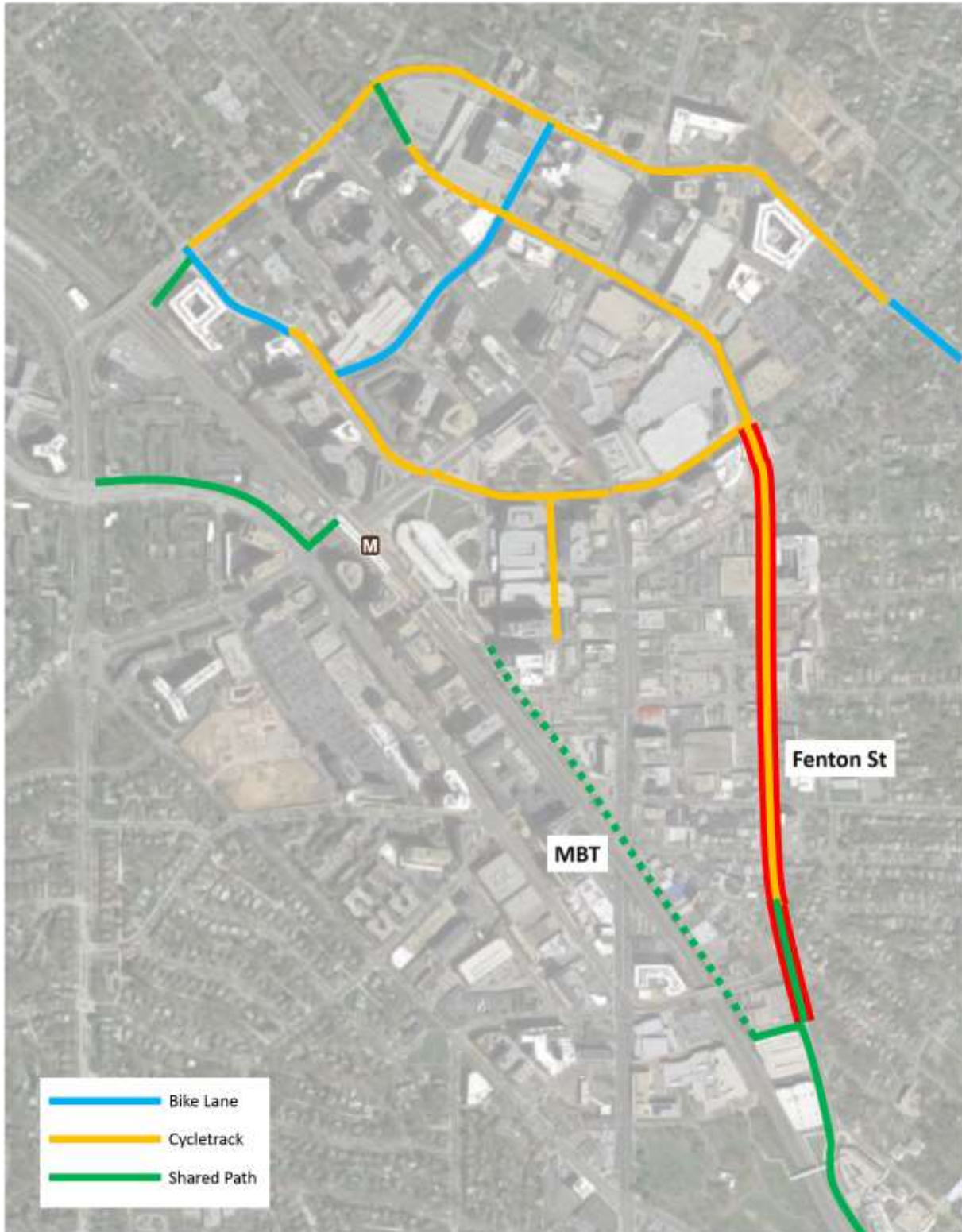


Figure 4: Silver Spring BiPPA projects: FY19

FY 20

 (by BiPPA this FY)

 (by others this FY)



Figure 5: Silver Spring BiPPA projects: FY20



# Network

 (by BiPPA this FY)

 (by others this FY)

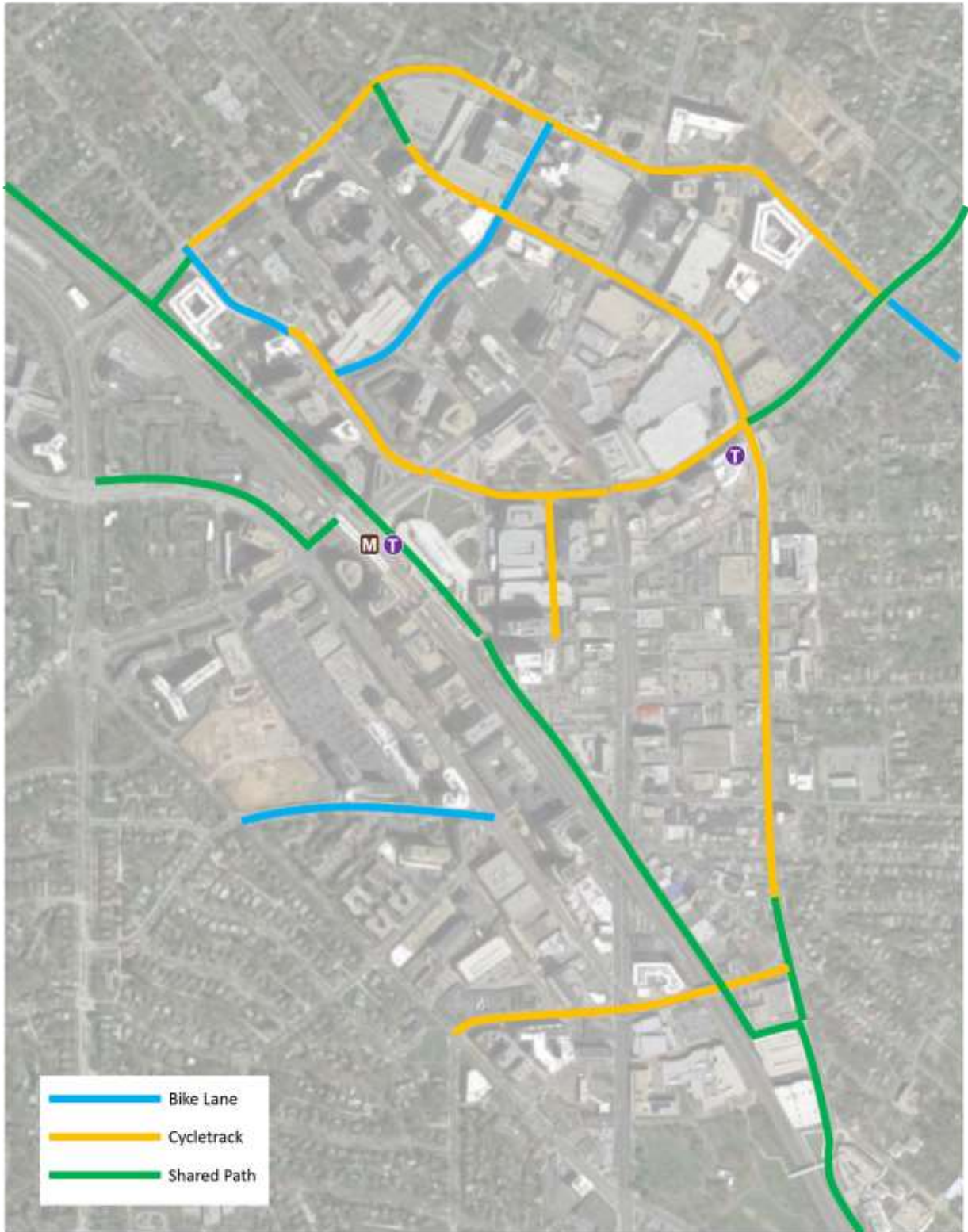


Figure 6: Silver Spring BiPPA projects: Full network